

# HEALTH SCIENCE AND TECHNOLOGY

High School to College and Career Pathways

## HEALTH SCIENCE AND TECHNOLOGY

Health Science and Technology Education prepares students for employment and/or continuing education opportunities in health care through technical instruction in the classroom, experiential education in the laboratory, work-based learning opportunities at clinical settings, and leadership skills through Health Occupations Students of America (HOSA).

## PHARMACY

### Workforce Trends

#### Pharmacy Technician:

With increased medical needs of an aging population and additional tasks given to pharmacy techs., many job opportunities will be created, especially for those with formal training and certification.

#### Pharmacist:

New opportunities are emerging for pharmacists in managed care organizations, where they analyze trends and patterns in medication use, and in pharmacoeconomics—the cost and benefit analysis of different drug therapies.

### Get the Facts

Pharmaceutical makers are accustomed to a research-to-market cycle of as long as 10 years in order to discover, develop and commercially launch a new drug.

### Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

### Sample Occupations

- > Pharmacy Aide
- > Pharmacy Technician
- > Pharmacist

For more information on salary projections, labor market demand, and training options, visit [www.careers.utah.gov](http://www.careers.utah.gov).



Utah State Office of Education  
250 East 500 South/P.O. Box 144200  
Salt Lake City, UT 84114-4200

[utahcte.org](http://utahcte.org)

# HEALTH SCIENCE AND TECHNOLOGY

High School to College and Career Pathways

## HEALTH SCIENCE AND TECHNOLOGY

Health Science and Technology Education prepares students for employment and/or continuing education opportunities in health care through technical instruction in the classroom, experiential education in the laboratory, work-based learning opportunities at clinical settings, and leadership skills through Health Occupations Students of America (HOSA).

## PHARMACY

### Workforce Trends

#### Pharmacy Technician:

With increased medical needs of an aging population and additional tasks given to pharmacy techs., many job opportunities will be created, especially for those with formal training and certification.

#### Pharmacist:

New opportunities are emerging for pharmacists in managed care organizations, where they analyze trends and patterns in medication use, and in pharmacoeconomics—the cost and benefit analysis of different drug therapies.

### Get the Facts

Pharmaceutical makers are accustomed to a research-to-market cycle of as long as 10 years in order to discover, develop and commercially launch a new drug.

### Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

### Sample Occupations

- > Pharmacy Aide
- > Pharmacy Technician
- > Pharmacist

For more information on salary projections, labor market demand, and training options, visit [www.careers.utah.gov](http://www.careers.utah.gov).



Utah State Office of Education  
250 East 500 South/P.O. Box 144200  
Salt Lake City, UT 84114-4200

[utahcte.org](http://utahcte.org)

# HEALTH SCIENCE AND TECHNOLOGY

## Post-Secondary Connection

Talk to your teacher and/or school counselor for the classes in this pathway that connect to college. Many Utah colleges/universities accept high school courses toward a two- or four- year degree through concurrent enrollment – saving you time and money.

**NOTES:** \_\_\_\_\_



**Career and Technical Education**  
*Giving Students the Edge*

# HEALTH SCIENCE AND TECHNOLOGY

## Post-Secondary Connection

Talk to your teacher and/or school counselor for the classes in this pathway that connect to college. Many Utah colleges/universities accept high school courses toward a two- or four- year degree through concurrent enrollment – saving you time and money.

**NOTES:** \_\_\_\_\_



## Career and Technical Education

*Giving Students the Edge*